

DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO. PCT/CN2004/000899	INTERNATIONAL FILING DATE August 6, 2003	PRIORITY DATE CLAIMED August 5, 2004
TITLE OF INVENTION THE PREPARATION METHOD OF EXO-PRESSURE TYPE POLY(VINYLIDENE FLUORIDE) HOLLOW FIBER MEMBRANE SPINNED UTILIZING A IMMERSION-COAGULATION METHOD AND THE PRODUCT THEREOF		
APPLICANT(S) FOR DO/EO/US Xiang LI Xiaomai WANG		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
<p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input checked="" type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 790916018 US 		

U.S. APPLICATION NO (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																																																																					
10/567413	PCT/CN2004/000899	133697-0022																																																																																																																					
23. Other items or information: Fee Transmittal Return Receipt Post Card																																																																																																																							
IAP20 Rec'd PCT/PTO 03 FEB 2006																																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">The following fees have been submitted:</th> <th style="text-align: center; padding: 5px;">CALCULATIONS</th> <th style="text-align: center; padding: 5px;">PTO USE</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">24. <input checked="" type="checkbox"/> Basic national fee</td> <td style="text-align: center; padding: 5px;">\$300</td> <td style="text-align: center; padding: 5px;">\$300.00</td> </tr> <tr> <td style="padding: 5px;">25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article</td> <td style="text-align: center; padding: 5px;">\$0</td> <td style="text-align: center; padding: 5px;">\$200.00</td> </tr> <tr> <td style="padding: 5px;">All other situations.....</td> <td style="text-align: center; padding: 5px;">\$200</td> <td></td> </tr> <tr> <td style="padding: 5px;">26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority..... International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB..... All other situations.....</td> <td style="text-align: center; padding: 5px;">\$0 \$100 \$400 \$500</td> <td style="text-align: center; padding: 5px;">\$400.00</td> </tr> <tr> <td style="padding: 5px; text-align: center;">TOTAL OF 24, 25 and 26 =</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$900.00</td> </tr> <tr> <td colspan="3" style="padding: 5px;"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Total Sheets</td> <td style="text-align: center; padding: 5px;">Extra Sheets</td> <td style="text-align: center; padding: 5px;">Number of each additional 50 or fraction thereof (round up to a whole)</td> <td style="text-align: center; padding: 5px;">RATE</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td style="text-align: center; padding: 5px;">16 - 100 =</td> <td style="text-align: center; padding: 5px;">0 /50 =</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">x \$250.00</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td colspan="3" style="padding: 5px;">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td style="text-align: center; padding: 5px;">\$</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 5px;">CLAIMS</td> <td style="text-align: center; padding: 5px;">NUMBER FILED</td> <td style="text-align: center; padding: 5px;">NUMBER EXTRA</td> <td style="text-align: center; padding: 5px;">RATE</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Total claims</td> <td style="text-align: center; padding: 5px;">21 - 20 =</td> <td style="text-align: center; padding: 5px;">1</td> <td style="text-align: center; padding: 5px;">x \$50.00</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$50.00</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Independent claims</td> <td style="text-align: center; padding: 5px;">2 - 3 =</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">x \$200.00</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$0.00</td> </tr> <tr> <td colspan="3" style="padding: 5px;">MULTIPLE DEPENDENT CLAIMS (if applicable)</td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;">+</td> <td style="text-align: center; padding: 5px;">\$360.00</td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$950.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px;"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$475.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: right;">SUBTOTAL =</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$475.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px;">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$0.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$475.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property</td> <td style="text-align: center; padding: 5px;">+</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$400.00</td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: right;">TOTAL FEES ENCLOSED =</td> <td style="text-align: center; padding: 5px;">\$</td> <td style="text-align: center; padding: 5px;">\$875.00</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">Amount to be</td> <td style="text-align: center; padding: 5px;">\$</td> <td></td> </tr> <tr> <td colspan="3" style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">Amount to be</td> <td style="text-align: center; padding: 5px;">\$</td> <td></td> </tr> </tbody> </table>			The following fees have been submitted:	CALCULATIONS	PTO USE	24. <input checked="" type="checkbox"/> Basic national fee	\$300	\$300.00	25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article	\$0	\$200.00	All other situations.....	\$200		26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)... 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a. A check in the amount of \$ _____ to cover the above fees is enclosed.

b. Please charge my Deposit Account No. 12-2136 in the amount of \$ \$875.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-2136. A duplicate copy of this sheet is enclosed.

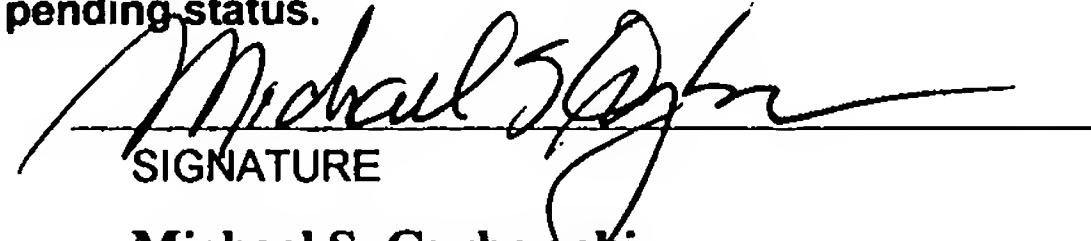
d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Michael S. Gzybowski
BUTZEL LONG
350 South Main Street
Suite 300
Ann Arbor, Michigan 48104

10/567413
IAP20 REC'D PCT/PTO 03 FEB 2006


SIGNATURE
Michael S. Gzybowski
NAME
32,816
REGISTRATION NUMBER
February 3, 2006
DATE

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)		Docket No.
Applicant(s): Xiang LI et al.		133697-0022
104567413 Application No. Unknown	Filing Date February 3, 2006	Examiner Unknown
		Customer No. 35684
		Group Art Unit Unknown
Invention: THE PREPARATION METHOD OF EXO-PRESSURE TYPE POLY(VINYLDENE FLUORIDE) HOLLOW FIBER MEMBRANE SPINNED UTILIZING A IMMERSION-COAGULATION METHOD AND THE PRODUCT THEREOF		

I hereby certify that the following correspondence:

New National Phase PCT Application based on PCT/CN2004/000899 (see list of submitted documents below)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 3, 2006

(Date)

Michael S. Gzybowski

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 790916018 US

(“Express Mail” Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

Express Mail Cover Letter; Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (PCT-1390/PCT/US1) (2 pgs) - In Duplicate ;PCT Publication of International Application No. PCT/CN2004/000899 with Attached Search Report (Publication No. PCTWO2005/014151 A1) (21 pgs); Translation of International Application No. PCT/CN2004/000899 (Publication No. PCTWO2005/014151 into English Including Abstract, Specification, and Claims (16 pgs) ; Formal Drawings (3 sheets. 7 Figures) Substitute Specification - Clean Copy (14 pgs) ; Substitute Specification - Marked-Up Copy (15 pgs) Preliminary Amendment (11 pgs) ; PCT/USA National Declaration and Power of Attorney (2 pgs) National Declaration and Power of Attorney (2 pages) ;Assignment (2 Pages) Assignment Recordation Cover Sheet (1 page) ;Fee Transmittal (1 pg) ;Return Post Card

10/567413

ATTORNEY'S DOCKET NO.: 133697-0022

“EXPRESS MAIL” COVER LETTER

U.S. PATENT APPLICATION

APP201600147/PTO 03 FEB 2006

Date: February 3, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: APPLICANTS: Xiang LI and Xiaomai WANG
TITLE OF INVENTION: THE PREPARATION METHOD OF EXO-PRESSURE TYPE POLY(VINYLDENE FLUORIDE) HOLLOW FIBER MEMBRANE SPINNED UTILIZING A IMMERSION-COAGULATION METHOD AND THE PRODUCT THEREOF

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Express Mail Cover Letter;
Certificate of Mailing by "Express Mail"
Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (PCT-1390/PCT/US1) (2 pgs) –
In Duplicate
PCT Publication of International Application No. PCT/CN2004/000899 with Attached Search Report (Publication No. PCTWO2005/014151 A1) (21 pgs)
Translation of International Application No. PCT/CN2004/000899 (Publication No. PCTWO2005/014151 into English Including Abstract, Specification, and Claims (16 pgs)
Formal Drawings (3 sheets. 7 Figures)
Substitute Specification - **Clean Copy** (14 pgs)
Substitute Specification – **Marked-Up Copy** (15 pgs)
Preliminary Amendment (11 pgs)
PCT/USA National Declaration and Power of Attorney (2 pgs)
Assignment (2 Pages)
Assignment Recordation Cover Sheet (1 page)
Fee Transmittal (1 pg)
Return Post Card

Respectfully submitted,

Michael S. Gzybowski

Reg. No. 32.816

Attn: Mr. S. S. S.

Attorney for Applicant

BUTZEL LONG
350 South Main Street
Suite 300
Ann Arbor, MI 48104
734-995-3110 (ph)

“EXPRESS MAIL” Mailing No. EV 790916018 US
Date of Deposit: February 3, 2006
I hereby certify that this paper is being deposited with
The United States Postal Service “EXPRESS MAIL
POST OFFICE TO ADDRESSEE” service under
37 CFR 1.10 on the date indicated above and is addressed
to the Mail Stop PCT, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450

Michael S. Gzybowski

Doc Code:

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<i>Effective on 12/08/2004.</i> <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i>		Complete if Known	
FEE TRANSMITTAL for FY 2005		Application Number <u>10/567412</u> Filing Date <u>February</u> First Named Inventor <u>Xiang LI et al.</u> Examiner Name <u>Unknown</u> Art Unit <u>Unknown</u> Attorney Docket No. <u>133697-0022</u>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	\$875.00	

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Deposit Account Number: 12-2136 Deposit Account Name: BUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

<u>Fee Description</u>	<u>Small Entity</u>
Each claim over 20 (including Reissues)	50 25
Each independent claim over 3 (including Reissues)	200 100
Multiple dependent claims	360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP =	x	\$25.00	= \$0.00			

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	\$100.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	0	/ 50 0 (round up to a whole)	x \$125.00	= \$0.00

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Basic National Phase Filing Fee and Assignment Recordation Fee

\$875.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	32,816	Telephone	734-995-3110
Name (Print/Type)	Michael S. Gzybowski		Date	February 3, 2006	

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